

EZ ORBITAL 517



1 Open box



2
Connect
power supply
& weld head



3
Follow
on-screen
instructions

4 Get precision
welds time after
time



MODULAR CONTROLLER FOR FUSION WELDING OF TUBE

Magnatech introduces an economical and easy solution for precision tube welding with a lightweight, modular orbital welding controller that interfaces with most standard, commercial GTAW power sources. Tucked in a rugged, waterproof case, the EZ Orbital 517 also connects with a wide range of orbital weld heads, providing automatic weld schedule development and digital control of rotation speed to ensure perfect repeatability.

An intuitive Windows®-based touchscreen simplifies programming, diagnostics and control functions with progressive, easy-to-follow screens.

- Affordable orbital solution
- Easy to operate
- Rugged design
- Lightweight & portable

EZ ORBITAL 517



FEATURES

- Compact, lightweight controller built into rugged waterproof case
- Provides automatic weld schedule development
- Full color touchscreen features intuitive symbol-based operation
- Compatible with most standard, commercial GTAW power sources
- Interfaces with 800 Series fusion weld heads
- Visual display of welding cycle
- Head temperature monitoring and over temperature alert
- Simple % adjustment of preset welding parameters
- Diagnostic fault detection system (gas, purge, weld head jam, etc.)
- Software updates available by internet download via USB interface
- Made in America

SPECIFICATIONS

Length x width x height	19.5 x 14.25 x 7.5" (495 x 362 x 190 mm)
Weight	18 lbs (8.2 kg)
Power supply capability	Consult MIT for suitable models
Input power requirements	90/240 VAC, 1 Ø, 0.5 A fuse, 50/60 Hz
Units of measurement	Inch and Metric (selectable)
Operating temperature	0 - 120° F (-18 to 50° C)
Storage temperature	-20 - 140° F (-25 to 60° C)
Humidity	To 98% RH (non-condensing)
Power source	Conventional GTAW
Tube (pipe) size	0.125 - 6.625" (3 - 168 mm)
Weld head compatibility	Consult MIT for suitable models



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